

U.S. Patent Application Serial No. 10/809,215
Reply to Office Action dated December 15, 2004

Amendments to the Specification

Please amend the title on page 1, lines 1-2 as follows:

**SOLID-STATE IMAGING DEVICE APPARATUS AND METHOD FOR PRODUCING THE
SAME WITH FLOATING DIFFUSION LAYER**

Please amend the paragraph on page 8, lines 19-33 as follows:

FIG. 6 is a graph showing the frequency of a conjunction leakage current in the solid-state imaging apparatus 100. A horizontal axis represents the magnitude of a conjunction leakage current, and a vertical axis represents the number of pn-junction floating diffusion layers representing the junction leakage current of the horizontal axis. A solid line 601 represents a distribution regarding the case where the salicide layer 4 is formed on the floating diffusion layer 1, and a dotted line 602 represents a distribution regarding the case where the salicide layer 4 is not formed on the floating diffusion layer 1. Compared with the case where the salicide layer 4 is not formed on the floating diffusion layer 1, the entire distribution is shifted to a larger conjunction leakage current in the case where the salicide layer 4 is formed on the floating diffusion layer 4. Furthermore, there is a distribution 603 in which a conjunction leakage current locally is very large. This leads to a point defect, resulting in a defective solid-state imaging apparatus.